Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A lifter, comprising:

an elevator plate fitted with a set of cam lifters distributed around an axis;

a multiple-lobe cam disposed in the edge of a hollow cylinder around said axis, and such that said set of cam lifters ride along said edge and provide for straight lifting and lowering of the elevator plate; and

a transmission and motor for turning the multiple-lobe cam relative to the elevator plate.

2. (Original) The lifter of claim 1, wherein:

the multiple-lobe cam includes symmetrical sided lobes that permit the transmission and motor to operate in a single direction for both said lifting and lowering of the elevator plate.

3. (Original) The lifter of claim 1, wherein:

the multiple-lobe cam includes three symmetrical sided lobes that provide a threepoint support of the elevator plate.

4. (Original) The lifter of claim 1, wherein:

the multiple-lobe cam and cam lifters provide flat spots on which to rest at minimum and maximum heights of elevation of the elevator plate.

- 5. (Original) An automated warehouse system row cart, comprising:
 - a rail car for trucking pallet loads within an automated warehouse;
- a top tray disposed on top of the rail car and providing for lifting and lowering said pallet loads;
- a lifter set inside the rail car and supporting the top tray, and providing for straight lifting and lowering;

an elevator plate included in the lifter and fitted with a set of cam lifters distributed around an axis;

a multiple-lobe cam disposed in the edge of a hollow cylinder around said axis, and such that said set of cam lifters ride along said edge and provide for straight lifting and lowering of the elevator plate; and

a transmission and motor for turning the multiple-lobe cam relative to the elevator plate and disposed within the rail car.

- 6. (Original) The row cart of claim 5, wherein:
 - the rail car provides for docking with an aisle cart in said automated warehouse.
- 7. (New) A lifter, comprising:
 - a triple-lobe cam with a base and an inner collar;
- an elevator plate that includes three fixed cam lifters to correspondingly ride on the triple-lobe cam, and an outer collar which mates with said inner collar;
- a transmission with a ring gear attached to said base, and a worm gear to receive unidirectional drive from a motor to provide changes in the vertical position of the elevator plate.

8. (New) The lifter of Claim 7, further comprising:

a shaft included in the transmission with a pair of bearings slipped inside said inner collar to stabilize and to allow the triple-lobe cam to turn.

9. (New) The lifter of Claim 7, further comprising:

a series of flat spots disposed on matching surfaces of the triple-lobe cam and the fixed cam lifters for minimum and maximum heights of the elevator plate.

- 10. (New) The lifter of Claim 7, wherein the elevator plate is the mirror image of, and fits over, the triple-lobe cam, such that the lobes of each mate and ride over the other.
- 11. (New) The lifer of Claim 7 wherein the outer collar of the elevator plate slips over the inner collar of the triple-lobe cam.